

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A video network, comprising:

a plurality of video sources configured to first launch onto the video network ~~first~~, higher resolution[[,]] video data and to then launch second, lower resolution[[,]] video data providing a lower resolution representation of the higher resolution video data;

at least one destination device configured ~~operable~~ to process video data received via the video network;

a network switch configured to ~~for~~ selectively route the ~~routing~~ data from the video sources to the at least one destination device ~~devices~~; and

a network control arrangement connected to the video network switch, including and having:

a display device, [[;]]

a graphical user interface (GUI) configured ~~arranged~~ to display, on the display device, the lower resolution representation ~~representations~~ of video data from at least a subset of the plurality of video sources together with identifiers associating the lower resolution representation ~~representations~~ with [[the]] a respective one of the video sources, [[;]]

means for selecting ~~user-selection~~, by use of the GUI, one of [[a]] the video sources that launches ~~source of video of~~ the higher resolution video data and a corresponding one of the at least one destination device, [[;]] and

means for controlling the routing of the higher resolution video data from the selected video source to [[the]] a selected destination device.

Claim 2 (Currently Amended): A video network according to claim 1, wherein in ~~which~~ the network control arrangement comprises a personal computer.

Claim 3 (Currently Amended): A video network according to claim 1, wherein ~~in~~ ~~which~~ the display device is configured ~~arranged~~ to display a plurality of display areas, each display area displaying the lower resolution representation from a respective video source, together with the associated identifier.

Claim 4 (Currently Amended): A video network according to claim 1, wherein ~~in~~ ~~which~~ the GUI provides one or more user-operable switches, identified by the identifiers, for selecting a destination device to be connected to a selected video source.

Claim 5 (Currently Amended): A video network according to claim 4, wherein ~~in~~ ~~which~~ the network control arrangement comprises a user input device for selecting display screen areas; and the user operable switches are display screen areas selectable by the user input device.

Claim 6 (Currently Amended): A video network according to claim 4, wherein ~~in~~ ~~which~~ the display screen is a touch-sensitive display screen, ~~and~~ the user operable switches are display screen areas selectable by the user touching those display screen areas.

Claim 7 (Currently Amended): A video network according to claim 4, wherein ~~in~~ ~~which~~ the network control arrangement comprises a plurality of user-operable buttons, the buttons corresponding to video sources and/or destination devices for selection.

Claim 8 (Currently Amended): A video network according to claim 4, wherein ~~in~~ ~~which~~ the GUI provides at least one selection display area and is configured ~~arranged~~ so that

a source is selected for connection to a destination by dragging and dropping a displayed representation corresponding to that video source into the selection display area.

Claim 9 (Currently Amended): A video network according to claim 1, the video network being a packet-based network wherein ~~in which~~ the video sources are associated with different respective multicast groups.

Claim 10 (Currently Amended): A video network according to claim 9, wherein ~~in which~~ sources are associated with at least two respective multicast groups, one multicast group being associated with the higher resolution video from that source and another multicast group being associated with the lower resolution video from that source.

Claim 11 (Currently Amended): A video network according to claim 9, wherein ~~in which~~ the network control arrangement controls routing from a selected video source to a selected destination device by sending a message to the destination device to cause the destination device to join the multicast group of the selected source.

Claim 12 (Currently Amended): A video network according to claim 1, further comprising a plurality of destination devices.

Claim 13 (Currently Amended): A video network according to claim 1, wherein ~~in which~~ at least one destination device comprises a video switching device.

Claim 14 (Currently Amended): A video network according to claim 1, wherein ~~in which~~ at least one destination device comprises a video display device.

Claim 15 (Currently Amended): A video network according to claim 1, wherein ~~in~~
~~which~~ at least one video source comprises a video tape recorder.

Claim 16 (Currently Amended): A video network according to claim 1, wherein ~~in~~
~~which~~ at least one video source comprises a video camera.

Claim 17 (Currently Amended): A video network according to claim 1, wherein ~~in~~
~~which~~: at least one of the video sources and/or destination devices is configured ~~arranged~~ to
launch status packets providing device status information onto the video network; and the
GUI is configured ~~arranged~~ to display such status information in association with a
representation of that device.

Claim 18 (Currently Amended): A video network according to claim 1, wherein ~~in~~
~~which~~: the GUI provides user controls to control the operation of at least one of the video
sources and/or destination devices; and the network control arrangement is configured
~~operable~~ to transmit control packets providing control information to such a device.

Claim 19 (Currently Amended): A video network according to claim 1, wherein ~~in~~
~~which~~ the network control arrangement is configured ~~arranged~~ to provide access to different
respective subsets of representations and/or control functionality to different users of the
network.

Claim 20 (Currently Amended): A video network control arrangement for use in a
video network, comprising: ~~having~~

a plurality of video sources configured to first launch onto the video network ~~first~~, higher resolution[[,]] video data and to then launch ~~second~~, lower resolution[[,]] video data providing a lower resolution representation of the higher resolution video data;

at least one destination device configured ~~operable~~ to process video data received via the video network;

a network switch, connectable to the network controller, configured to ~~for~~ selectively route the ~~routing~~ data from the video sources to the at least one destination device, ~~devices~~; the network control arrangement including ~~comprising~~:

a graphical user interface (GUI) configured ~~arranged~~ to display, on the display device, the lower resolution representation ~~representations~~ of video data from at least a subset of the plurality of video sources together with identifiers associating the lower resolution representation ~~representations~~ with [[the]] a respective one of the video sources, [[;]]

means for selecting ~~user-selection~~, by use of the GUI, one of [[a]] the video sources that launches ~~source of video~~ of the higher resolution video data and a corresponding one of the at least one destination device, [[;]] and

means for controlling the routing of the higher resolution video data from the selected video source to [[the]] a selected destination device.

Claim 21 (Currently Amended): A video network control arrangement according to claim 20, further comprising a display device.

Claim 22 (Currently Amended): ~~A method of operation of a video network controller in a video network having~~ A computer readable storage medium encoded with a computer readable program configured to cause an information processing apparatus to execute a method, the method comprising:

launching video data ~~a plurality of video sources to launch~~ onto the video network,
first launching[[,]] higher resolution[[,]] video data and second launching[[,]] lower
resolution[[,]] video data providing a lower resolution representation of the higher resolution
video data;

processing at least one destination device operable to process the video data received
via the video network; and

~~a network switch, connectable to the network controller, for~~ selectively routing data
from [[the]] a plurality of video sources to the at least one destination device; ~~devices; the~~
~~method comprising:~~

displaying, on a display device, the lower resolution representations of video data
from at least a subset of the plurality of sources together with identifiers associating the lower
resolution representations with the respective sources;

providing user selection of a source of video of the higher resolution and a
corresponding destination device; and

controlling the routing of the higher resolution video data from the selected video
source to the selected destination device.

Claims 23-26 (Canceled).